

1 **PERIPHERAL DATA STORAGE SYSTEM WITH**
2 **MULTI-STATE USER DISPLAY**

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4 **ABSTRACT**

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6 A method of displaying states of a peripheral data storage system (PDSS)
7 comprising a data storage device, a data storage system controller, a user-actuated signaling
8 subsystem, a user display subsystem adapted to display the states, and a peripheral data
9 storage controller host interface adapted for communication with a host system. The
10 method includes determining a state of the PDSS; displaying a first display state via the
11 user display subsystem if the PDSS is in an idle state; displaying a second display state via
12 the user display subsystem if the PDSS is in a state corresponding to receiving a signal
13 from the user-actuated signaling subsystem; displaying a third display state via the user
14 display subsystem if the PDSS is in a dynamically active state; and displaying a fourth
15 display state via the user display subsystem if the PDSS is in an off state.